

U.S. Serial No. 09/784,885

Resubmitted Response to Office Action Dated: 05/19/2004
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AMENDMENT TO THE CLAIMS

Claims 1-5 (cancelled)

Claim 6 (currently amended) An unleaded gasoline pump fuel which has the following properties:

T ₁₀ , °F	<= 140
T ₅₀ , °F	> 215 = < 220
T ₉₀ , °F	< 330
RVP, psi	<= 7.0
S, ppmw	<= 50
Oxygen, wt%	1.5 - 2.9 <u><= 3.5</u>
Aromatics, vol%	<= 35 <u>not more than 28</u>
Olefins, vol%	<= 10
Benzene, vol%	<= 1.0
Paraffins, vol. pct.	<= 75
API°	>= 59

Claim 7 (currently amended) The fuel according to claim 6, 10, 16, 17, 18 or 19 which has a RVP of 6.6 psi maximum.

Claim 8 (currently amended) The fuel according to claim 6, 10, 16, 17, 18 or 19 which has a RVP of 6.6 to 6.9 psi.

Claim 9 (currently amended) The An unleaded gasoline pump fuel according to claim 6, 10, 16, 17, 18 or 19 which possesses the following property properties:

T ₁₀ , °F	<u><= 140</u>
T ₅₀ , °F	<u>> 215 = < 220</u>

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T ₉₀ , °F	315 - 325 <u>315 - 330</u>
<u>S, ppmw</u>	<u><= 35</u>
<u>Oxygen, wt%</u>	<u><= 2</u>
<u>Aromatics, vol%</u>	<u>not more than 28</u>
<u>Olefins, vol%</u>	<u><= 10</u>
<u>Benzene, vol%</u>	<u><= 1.0</u>
<u>Paraffins, vol%</u>	<u><= 75</u>
<u>API°</u>	<u>>= 59</u>
<u>RVP, psi</u>	<u><= 7.0</u>

Claim 10 (cancelled)

Claim 11 (cancelled)

Claim 12 (currently amended) The fuel according to claim 6, ~~10, 16, 17, 18 or 19 or 9~~ which has an octane rating of 92 to 93 (R+M)/2 and an aromatics content of 12 to 20 vol percent and a benzene content of not more than 0.80 vol%.Claim 13 (currently amended) The fuel according to claim 6, ~~10, 16, 17, 18 or 19 or 9~~ which has an octane rating of 87 (R+M)/2 and an aromatics content of 12 to 20 vol percent and a benzene content of not more than 0.70 vol%.Claim 14 (currently amended) The fuel according to claim 6, ~~10, 16, 17, 18 or 19 or 9~~ which has a sulfur content of not more than 25 ppmw.

Claim 15 (cancelled)

Claims 16-19 (cancelled)